

**From:** Fuentes, Rene  
**To:** ["Mullen, Tom"](#)  
**Subject:** RE: DOCKET NO. SDWA-10-2013-0080 / Groundwater Monitoring Well Installation Activities - Wednesday, July 17, 2013 Update  
**Date:** Thursday, July 18, 2013 12:15:00 PM

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*Great Tom, thanks for the update. I see the weather has not let up on you guys.*

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**From:** Mullen, Tom [mailto:Tom.Mullen@arcadis-us.com]  
**Sent:** Wednesday, July 17, 2013 6:14 PM  
**To:** Fuentes, Rene  
**Cc:** Winiacki, Eric; Freeman, Kevin; Sebesta, Lisa  
**Subject:** DOCKET NO. SDWA-10-2013-0080 / Groundwater Monitoring Well Installation Activities - Wednesday, July 17, 2013 Update

Rene,

Another hot and humid day in Paradise. Cascade continued drilling YVD-18 to a total depth of 181 ft bgs. Lithology was the same as YVD-13 until 149 ft. Water was encountered at approximately 125 feet (SWL in YVD-13 was gauged at 124.5 ft bgs). At 149 feet, the fine sand transitioned to a well-graded gravel from 149 to 181 ft. the well screen was set from 170 to 180 feet. Centralizers were installed at 180, 169, 120, 70 and 20 ft bgs. The sand filter pack was installed to 166 ft and the well screen interval was surged.

For Thursday, Cascade will install the bentonite chip annulus seal, demobilize from the location and setup on YVD-14 (located along the south side of Kirks road approximately 400 feet east of Liberty Road) and commence drilling.

Please let me know if you have any questions.

Best regards,

Tom

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